



# Norseman ELECTRONIC TOOLS

## STICKLE-BACK DRILSAWS

Made in Germany, this tool will drill holes in wood, plaster board, etc. and saw in any direction.

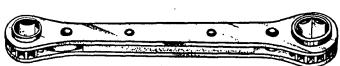
#0-5 x 5/32" dia.	\$ .98 net
#1-7 x 3/16" dia.	1.85 net
#2-10 x 1/4" dia.	2.45 net
#3-13 x 5/16" dia.	2.95 net
#4-15 x 3/8" dia.	3.25 net
#5-13 x 1/2" dia.	(saw rasp) 2.25 net



## REVERSIBLE RATCHETS

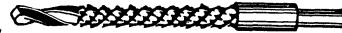
A rugged ratcheting box wrench. No buttons, no levers — just turn it over to reverse the ratchet.

1/4" x 5/16"	\$2.60 net	5/8" x 11/16"	\$4.25 net
3/8" x 7/16"	2.90 net	5/8" x 3/4"	4.25 net
1/2" x 9/16"	3.90 net	3/4" x 7/8"	4.80 net



## DRILL ROUTERS

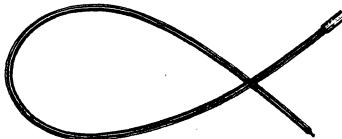
Another "Stickle-back" tool, similar to the Drilsaw, but for use in electric drills.  
 #318-1 2 1/8" x 1/4" dia. .... \$1.40 net  
 #318-2 4 1/2" x 1/4" dia. .... 1.60 net



## TIPPY STICKS

Flexible alignment tools of tenite II with a non-magnetic stainless steel tip. Permits snaking around obstructions and still turn screws and slugs.

ST-186 6" long	.40 net
ST-1810 10" long	.45 net
ST-1814 14" long	.50 net

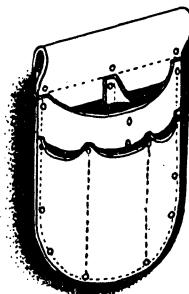


## TRI-TAPS

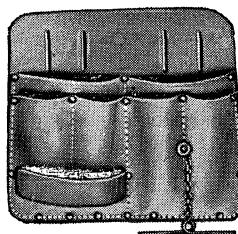
The original 3-in-1 tool with 6/32", 8/32" and 10/32" taps to clean or cut three of the most common threads used in electronic work.  
 T-3 ..... \$2.50 net    T-4 tap only for HT-24....\$1.65 net  
 HT-24 with replaceable tap.....\$3.00 net



## TOOL POUCHES



#14 Telephone lineman's pouch of chrome-tanned cowhide. One large separated pocket with three smaller ones in front. Riveted and stitched with linen thread. 6" x 9 1/4" ..... \$4.95 net

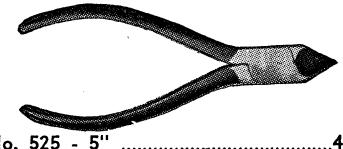


Electrician's Pouch. Bark-tanned top grain cowhide, riveted and stitched with linen thread. 7 pockets, loop for hammer, T-chain for roll of tape  
 #17 10" x 9" ..... \$4.95 net

## 12 OTHER POUCHES AVAILABLE

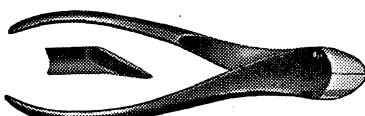


Special Electronic Diagonal Cutting Pliers with extra thin cutting edges, pointed nose and BOX JOINT



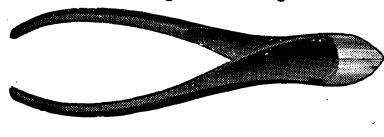
No. 525 - 5" ..... 4.95

### ANGLE NOSE Diagonal Cutting Pliers



No. 2528 ..... 6 1/2" 4.75 7 1/2" 5.50

### PIANO WIRE Diagonal Cutting Pliers



No. 1528 ..... 4 1/2" 5 1/2" 6 1/2" 7 1/2"  
 3.50 4.25 4.75 5.25

### MADE IN ESKILSTUNA, SWEDEN, BY E. A. BERG MFG. CO. LTD. • EST. 1880

Only the best Swedish Charcoal Steel is used in the manufacture of Berg Pliers. Produced under exacting standards of control, they embody the most modern techniques of heat treatment and manufacture. Each plier is carefully engineered and designed to afford the greatest practical utility; lightness and ease of operation; and strength coupled with durability.

### PIANO WIRE Side Cutting Nippers with replaceable blades



No. 1518 ..... 9" 7.50 10" 8.50  
 Extra Blades ..... 9" 2.30 10" 2.55

### PIANO WIRE End Cutting Nippers with replaceable blades



No. 1519 - 9" ..... 9.50  
 Extra Blades ..... 2.90

### PIANO WIRE End Cutting Nippers



No. 527 - 7" ..... 4.25

### Straight Cutting Pliers with extended jaws



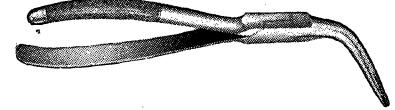
No. 1529 - 6 1/2" ..... 4.50

### Special Bent Nose Pliers



No. 2533-B - 8" ..... 5.50

### Curved Nose Pliers



No. 1631 - 5 1/2" ..... 4.50

50 OTHER SIZES AND TYPES AVAILABLE

ERIKSON SPECIALIZED TOOL COMPANY

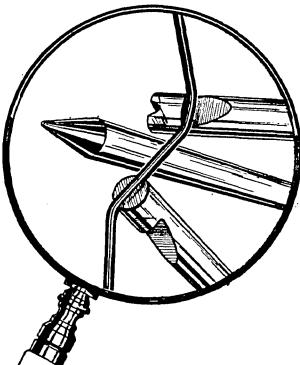


**Norseman**  
ELECTRONIC TOOLS

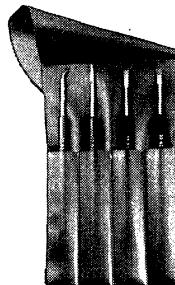
#### JIGGLE STICKS

Probes of Lucite, 1 end forked for pushing other end pointed for probing, notched on side for pulling wires.

PR 532-6 5/32" dia. .30 net  
PR 316-8 3/16" dia. .35 net



#### NORSEMAN SOLDERING AID KIT



MTSA-4 miniature soldering aid kit with 4 tools M2T, M3T, M4T, M5T in vinyl kit complete ..... \$4.50 net

Vinyl plastic kit, packed with 4 Norseman Soldering Aids (TN-22, TN-33, TN-44, TN-55) as illustrated.

TNSA-4 complete kit ..... \$4.50 net

Kit with 4 Norseman Soldering Aids with unbreakable aluminum handles (AL-22, AL-33, AL-44 & AL-55).

ALSA-4 complete kit ..... \$4.50 net

## NORSEMEN SOLDERING AIDS

ERIKSON PICO-CALIF. TN-22

#### Red Handle

TN-22 Tenite II Handle ..... 7 1/8" Long ..... \$.90 net  
M2T Tenite II Handle ..... 5 1/4" Long ..... \$.90 net  
AL-22 Aluminum Handle ..... 7 1/8" Long ..... \$.90 net

ERIKSON PICO-CALIF. TN-44

#### Black Handle

TN-44 Tenite II Handle ..... 7 1/8" Long ..... \$1.05 net  
M4T Tenite II Handle ..... 5 1/4" Long ..... \$1.05 net  
AL-44 Aluminum Handle ..... 7 1/8" Long ..... \$1.05 net

ERIKSON PICO-CALIF. TN-33

#### Green Handle

TN-33 Tenite II Handle ..... 7 1/8" Long ..... \$.90 net  
M3T Tenite II Handle ..... 5 1/4" Long ..... \$.90 net  
AL-33 Aluminum Handle ..... 7 1/8" Long ..... \$.90 net

ERIKSON PICO-CALIF. TN-55

#### Blue Handle

TN-55 Tenite II Handle ..... 6 3/4" Long ..... \$1.05 net  
M5T Tenite II Handle ..... 5 1/4" Long ..... \$1.05 net  
AL-55 Aluminum Handle ..... 6 3/4" Long ..... \$1.05 net

**PLASTIC HANDLES**—(TN-22, TN-33, TN-44, TN-55) (M2T, M3T, M4T, M5T) are of Tenite II, hex and will not roll off the work bench. Shock-proof, practically unbreakable and will stand rough use on industrial production lines.

**METAL HANDLES**—(AL-22, AL-33, AL-44, AL-55) are aluminum alloy 4" x 3/8" hex and won't roll off the work bench. Being metal, are NOT SHOCK-PROOF and hence not recommended for ordinary radio-TV service work, especially on a 'live' unit. However, these handles are practically unbreakable and were designed to take rough use on industrial assembly lines and can be used as PRY BARS in lining up components.

**METAL ENDS**—(separated from each other) non-magnetic stainless steel, to which solder won't adhere. Are firmly seated in handles and are twist-proof.

**FORKED END**—straddles the wire and with a slight twist, grips it for easy unwinding and removal, or guides it into another lug for soldering. Since plastic handles act as insulation, there is no danger of shock when working on sets in operation. 1/8" forks are made especially for use on printed circuits and transistors.

**SPADE END**—is a reamer to clean lug holes of solder.

**CURVED END**—can be used as a scriber for marking chassis. As a circuit tracer when looking for loose connections. As a dial cord stringer. Hook can be bent to a 90 degree angle if desired.

**KNIFE & SCRAPER**—for cutting and repairing printed circuits.

**WIRE BRUSH**—has approx. 200 bristles of stainless wire .0035 in dia. to which solder will not adhere. For use in cleaning connections before soldering, brushing out splattered solder and in repairing printed circuits.

#### STAINLESS STEEL WIRE BRUSHES

on steel shaft approximately 2" long overall. Can be used in a regular pin vise. .35 net

Packed 25 or 50 per box

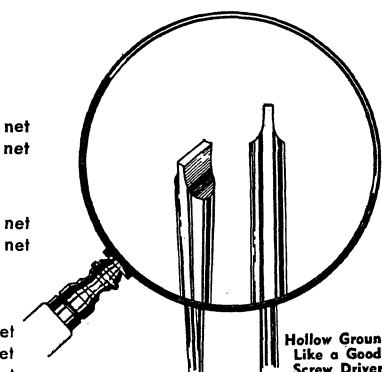
#### DIDDLE STICKS

Alignment tools —  
Lucite 3/16" dia.

LU-53210 10" long ...25 net  
LU-53214 14" long ...35 net

Rigid Vinyl 3/16" dia.  
RV-31610 10" long...25 net  
RV-31614 14" long...35 net

Fibre Glass 1/8" dia.  
FG-1810 10" long...35 net  
FG-1814 14" long...50 net  
FG-1818 18" long...65 net

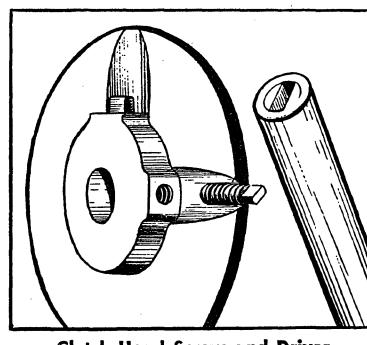


Hollow Ground  
Like a Good  
Screw Driver

#### SLAB-HEAD DRIVERS

Drivers for SLAB-HEAD screws as used in Delco auto radios, Zenith & Arvin TV and 1956 models of Webcor recorders.

246-P ..... \$2.00 net



Clutch Head Screw and Driver